

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD061990.D
 Acq On : 24 Apr 2019 11:24
 Operator : VA/AP
 Sample : VD0424SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0424SBL01

Quant Time: Apr 24 13:58:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	663511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.24	114	957192	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.39	117	775459	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.54	152	385874	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	259647	50.00	ug/l	0.02
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	6.94	113	410123	61.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.90%	
50) Toluene-d8	10.44	98	892404	56.65	ug/l	0.02
Spiked Amount	50.000		Recovery	=	113.30%	
62) 4-Bromofluorobenzene	13.58	95	360291	57.03	ug/l	0.02
Spiked Amount	50.000		Recovery	=	114.06%	

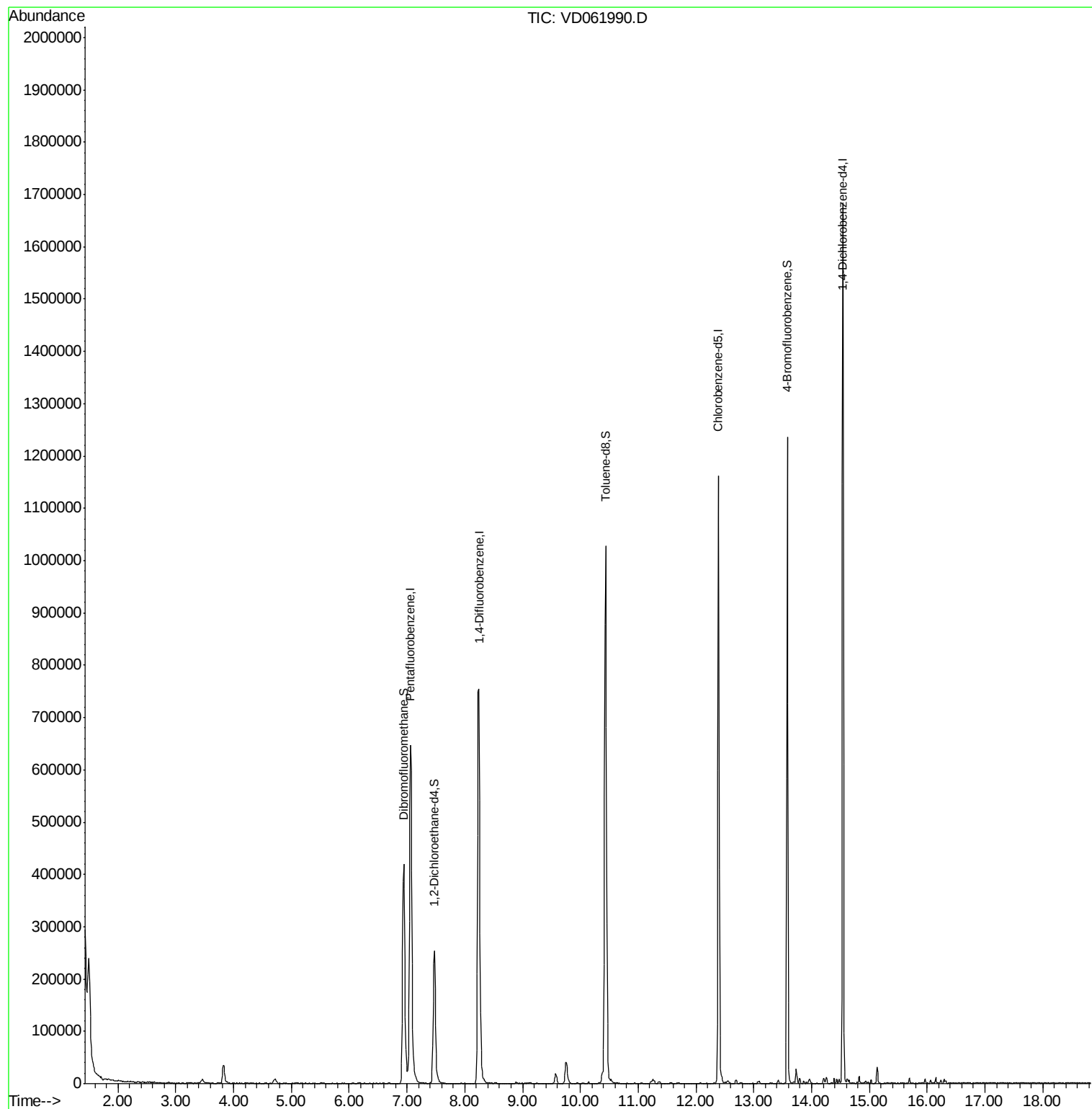
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042419\
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VD0424SBL01

Quant Time: Apr 24 13:58:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD061990.D

Acq: 24 Apr 2019 11:24

Instrument :

MSVOA_D

ClientSampleId :

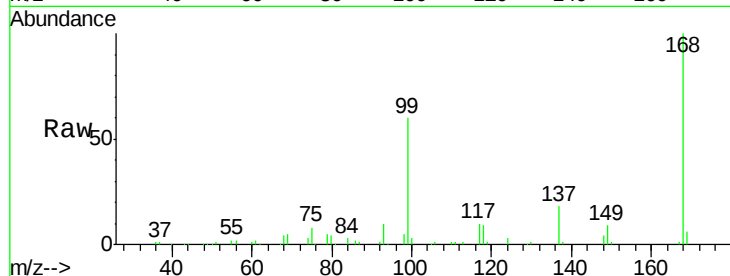
VD0424SBL01

Tot Ion:168 Resp: 663511

Ion Ratio Lower Upper

168 100

99 59.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

150000

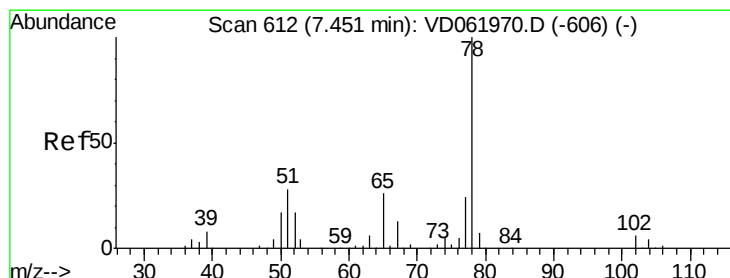
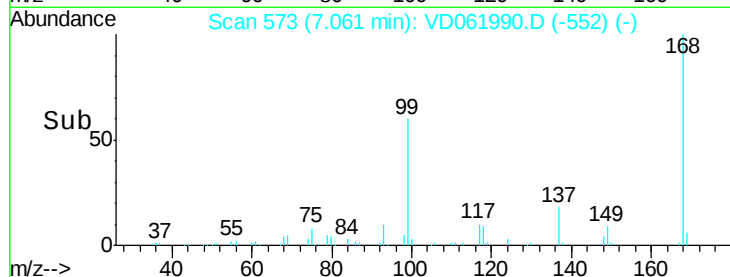
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 49.999 ug/l

RT: 7.47 min Scan# 615

Delta R.T. 0.02 min

Lab File: VD061990.D

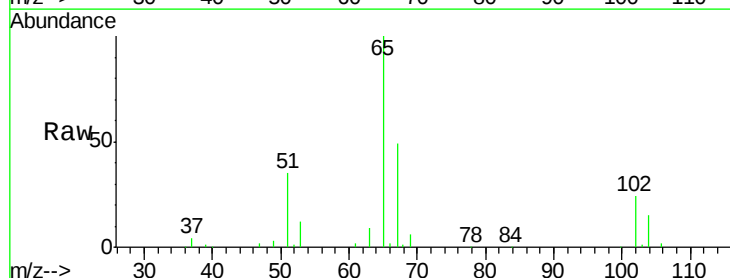
Acq: 24 Apr 2019 11:24

Tgt Ion: 65 Resp: 259647

Ion Ratio Lower Upper

65 100

67 49.4 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

100000

80000

60000

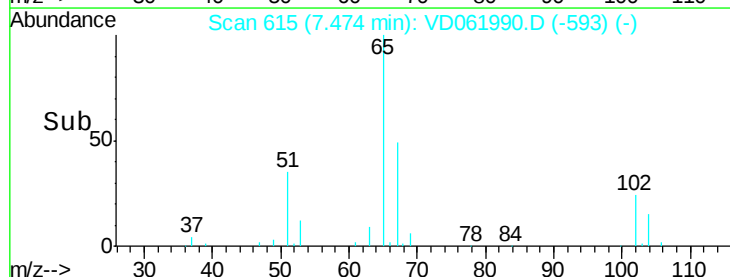
40000

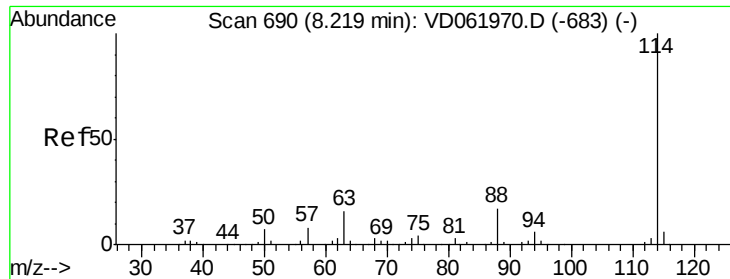
20000

0

Time-->

7.30 7.40 7.50 7.60 7.70

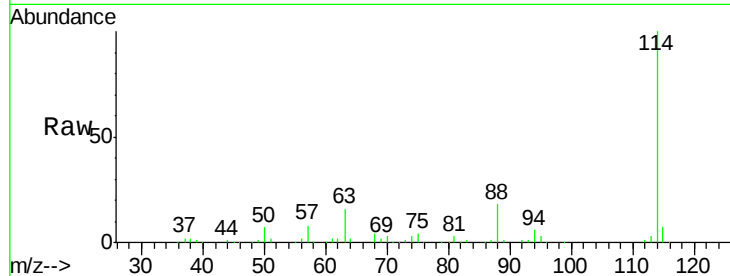




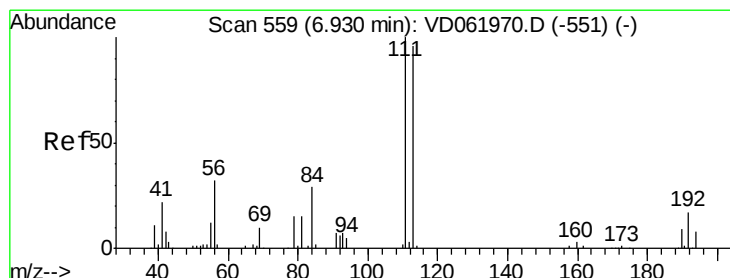
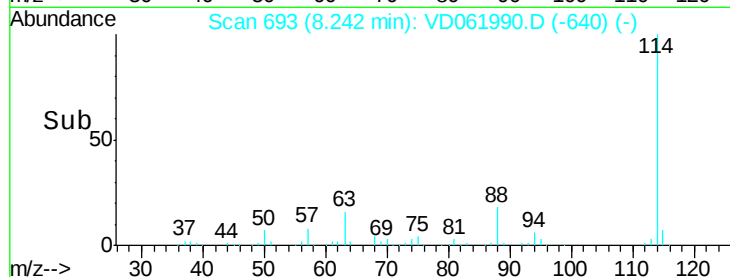
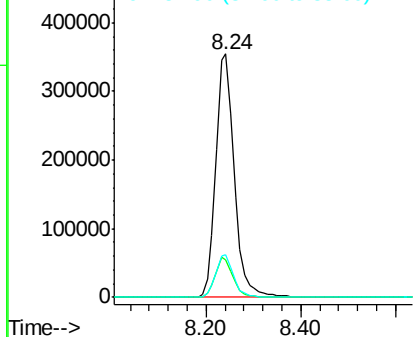
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.02 min
 Lab File: VD061990.D
 Acq: 24 Apr 2019 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0424SBL01

Tot Ion:114 Resp: 957192
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 32.4
 88 17.7 0.0 33.6

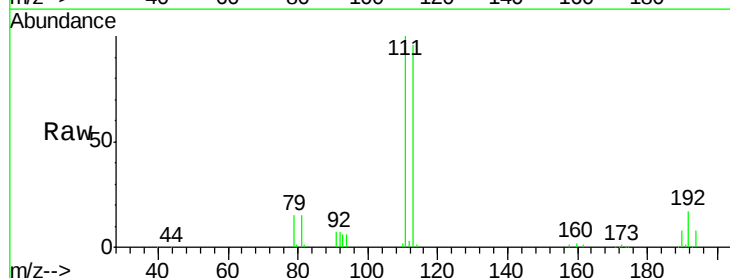


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

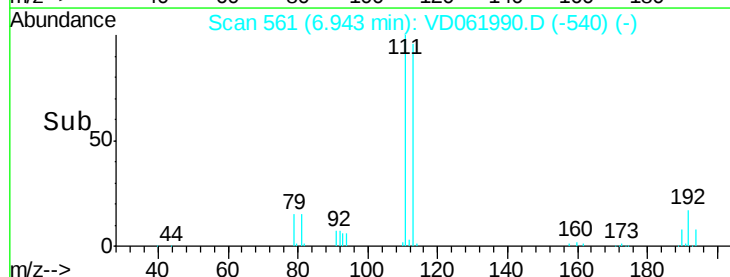
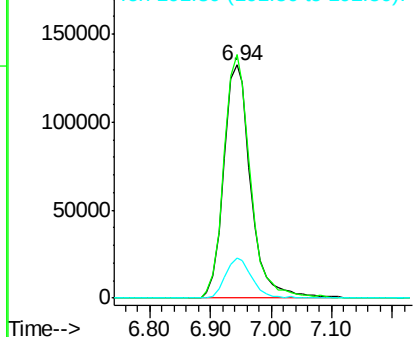


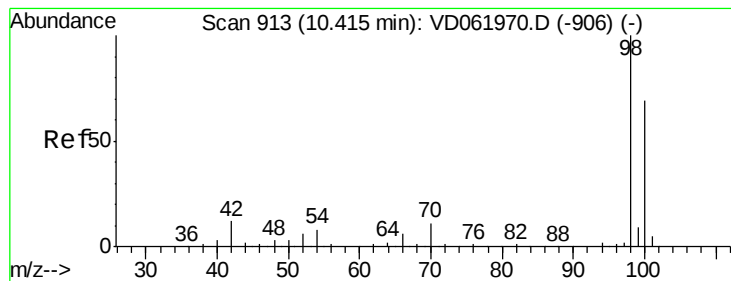
#35
 Dibromofluoromethane
 Concen: 61.953 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: VD061990.D
 Acq: 24 Apr 2019 11:24

Tgt Ion:113 Resp: 410123
 Ion Ratio Lower Upper
 113 100
 111 104.3 78.5 117.7
 192 17.3 13.0 19.4



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 56.653 ug/l

RT: 10.44 min Scan# 916

Delta R.T. 0.02 min

Lab File: VD061990.D

Acq: 24 Apr 2019 11:24

Instrument :

MSVOA_D

ClientSampleId :

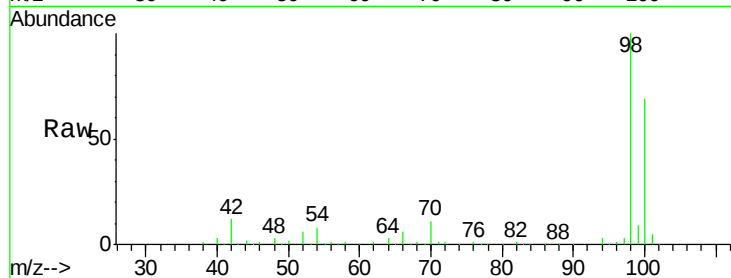
VD0424SBL01

Tot Ion: 98 Resp: 892404

Ion Ratio Lower Upper

98 100

100 69.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

10.44

400000

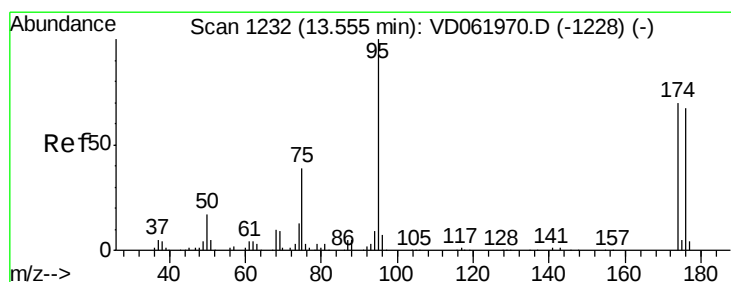
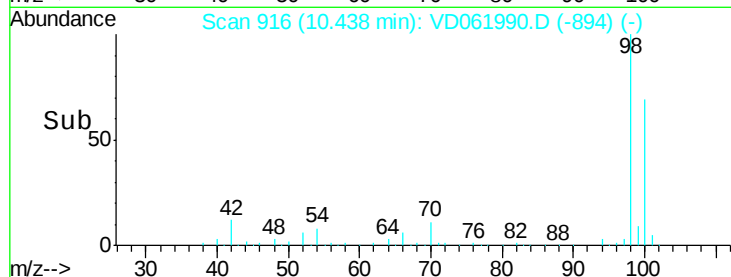
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 57.026 ug/l

RT: 13.58 min Scan# 1235

Delta R.T. 0.02 min

Lab File: VD061990.D

Acq: 24 Apr 2019 11:24

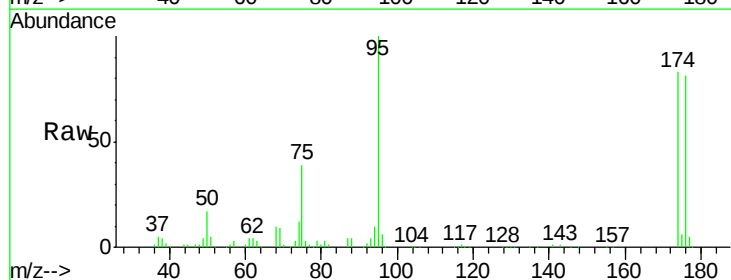
Tgt Ion: 95 Resp: 360291

Ion Ratio Lower Upper

95 100

174 82.8 0.0 181.8

176 80.7 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

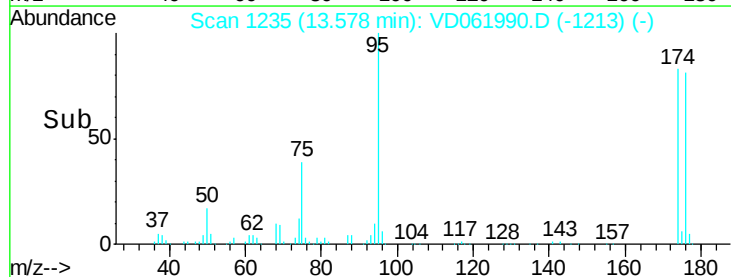
300000

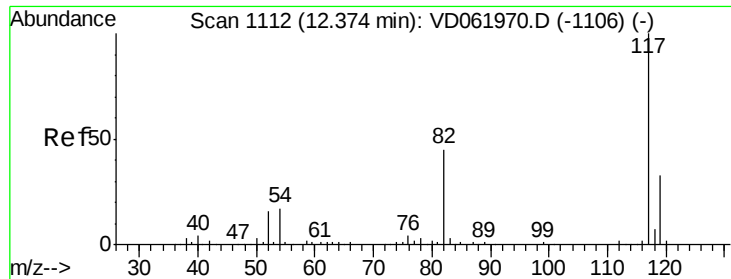
200000

100000

0

Time-->

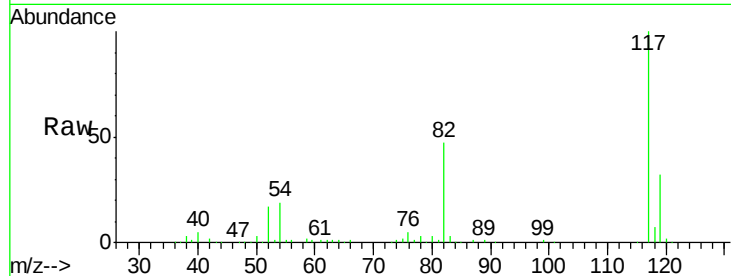




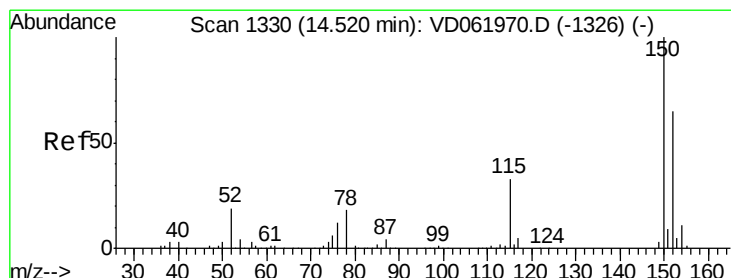
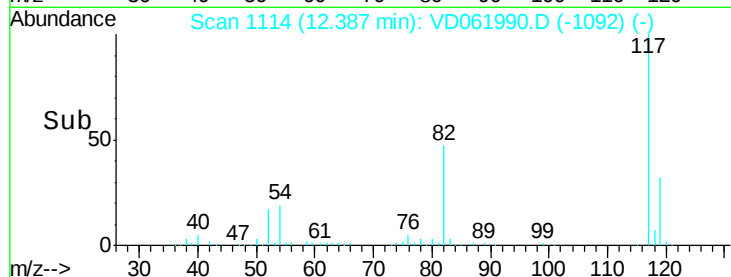
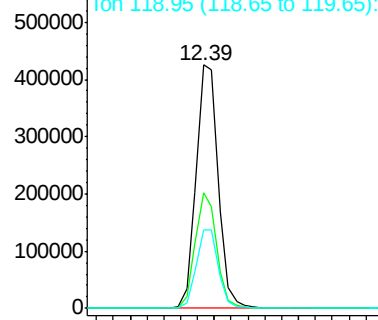
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.39 min Scan# 1114
 Delta R.T. 0.02 min
 Lab File: VD061990.D
 Acq: 24 Apr 2019 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0424SBL01

Tot Ion:117 Resp: 775459
 Ion Ratio Lower Upper
 117 100
 82 47.5 36.2 54.2
 119 32.0 26.2 39.4

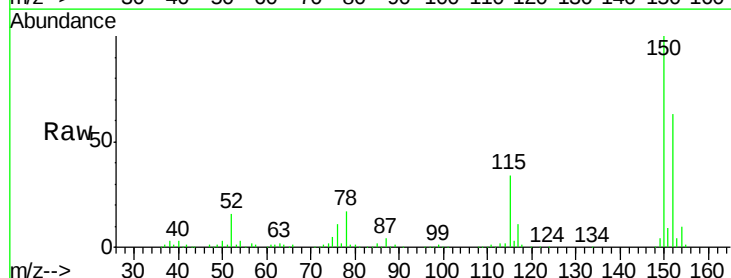


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.54 min Scan# 1333
 Delta R.T. 0.02 min
 Lab File: VD061990.D
 Acq: 24 Apr 2019 11:24

Tgt Ion:152 Resp: 385874
 Ion Ratio Lower Upper
 152 100
 115 54.6 30.9 92.7
 150 159.6 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V

